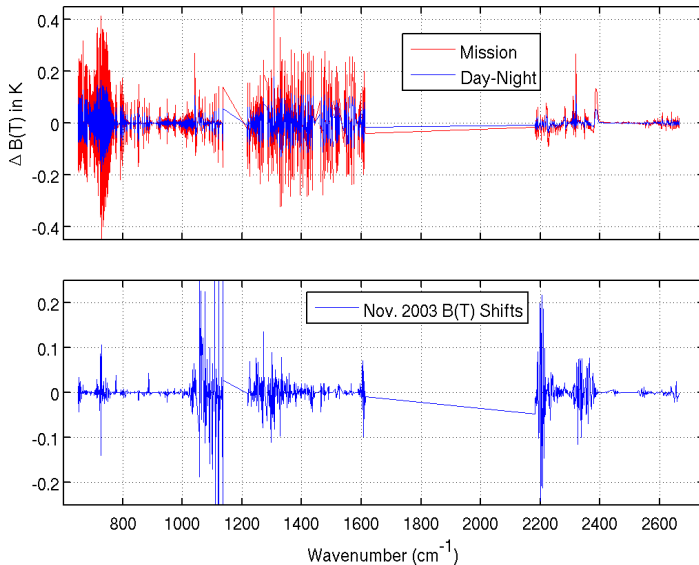
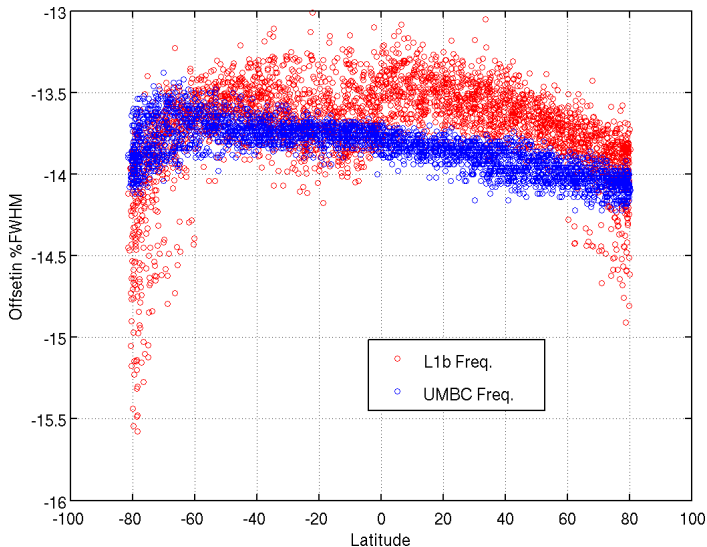


- Minor changes to transmittances based on continued validation.
- Pre- and Post-Nov 2003 RTA due to fringe shifts (put into Level 1 C instead?)





- Determine spectral calibration coefficients with V5 Cloud-cleared data (pre-processed offline); These give $\Delta\nu(t, lat)$
 - Data access could be an issue for this?
- Use V5/ECMWF atmospheric state (with clouds) to compute $dR/d\nu$
- Add computed $dR/d\nu \times \Delta\nu$ to R_{obs}
- Fix R_{obs} for fringe shifts? Only fix pre-Nov 2003 to post-Nov 2003 values using methodology similar to what is proposed for frequency calibration.
- Save corrected R_{obs} as a Level 1C product

- Use better CO₂ rate, latitude and altitude dependence
- SO₂, HNO₃. N₂O retrieval/indicator if ready.
- Dust optical depth retrievals and OLR forcing
- Cirrus retrievals